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| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>I-1-0065.10US</p> | <p>SERIAL NO.<br/>10/663,240</p> |
|   | <p>APPLICANT<br/>Bolgiano et al.</p>      |                                  |
|   | <p>FILING DATE<br/>September 16, 2003</p> | <p>GROUP<br/>2419</p>            |

| U.S. PATENT DOCUMENTS |  |                 |         |                    |       |          |                               |
|-----------------------|--|-----------------|---------|--------------------|-------|----------|-------------------------------|
| EXAMINER<br>INITIAL   |  | DOCUMENT NUMBER | DATE    | NAME               | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|                       |  | 4,081,748       | 03/1978 | Batz               |       |          |                               |
|                       |  | 4,099,121       | 07/1978 | Fang               |       |          |                               |
|                       |  | 4,128,809       | 12/1978 | Kage               |       |          |                               |
|                       |  | 4,426,712       | 01/1984 | Gorski-Popiel      |       |          |                               |
|                       |  | 4,530,087       | 07/1985 | Yamamoto           |       |          |                               |
|                       |  | 4,599,734       | 07/1986 | Yamamoto           |       |          |                               |
|                       |  | 4,644,351       | 02/1987 | Zabarsky           |       |          |                               |
|                       |  | 4,675,863       | 06/1987 | Paneth et al.      |       |          |                               |
|                       |  | 4,727,590       | 02/1988 | Kawano et al.      |       |          |                               |
|                       |  | 4,780,885       | 10/1988 | Paul et al.        |       |          |                               |
|                       |  | 4,799,252       | 01/1989 | Eizenhoffer et al. |       |          |                               |
|                       |  | 4,901,307       | 02/1990 | Gilhausen et al.   |       |          |                               |
|                       |  | 5,031,193       | 07/1991 | Atkinson et al.    |       |          |                               |
|                       |  | 5,043,736       | 08/1991 | Darnell et al.     |       |          |                               |
|                       |  | 5,046,066       | 09/1991 | Messenger          |       |          |                               |
|                       |  | 5,056,106       | 10/1991 | Wang et al.        |       |          |                               |
|                       |  | 5,058,200       | 10/1991 | Huang et al.       |       |          |                               |
|                       |  | 5,068,916       | 11/1991 | Harrison et al.    |       |          |                               |
|                       |  | 5,081,641       | 01/1992 | Kotzin et al.      |       |          |                               |
|                       |  | 5,081,643       | 01/1992 | Schilling          |       |          |                               |
|                       |  | 5,088,108       | 02/1992 | Uddenfeldt et al.  |       |          |                               |
|                       |  | 5,097,484       | 03/1992 | Akaiwa             |       |          |                               |
|                       |  | 5,101,501       | 03/1992 | Gilhausen et al.   |       |          |                               |
|                       |  | 5,103,459       | 04/1992 | Gilhausen et al.   |       |          |                               |
|                       |  | 5,109,390       | 04/1992 | Gilhausen et al.   |       |          |                               |

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|---------------------|-----------------|----------|--------------------------|-------|----------|-------------------------------|
|                     | 5,124,915       | 06/1992  | Krenzel                  |       |          |                               |
|                     | 5,128,925       | 07/1992  | Dornstetter et al.       |       |          |                               |
|                     | 5,155,689       | 10/1992  | Wortham                  |       |          |                               |
|                     | 5,164,942       | 11/1992  | Kamerman et al.          |       |          |                               |
|                     | 5,166,951       | 11/1992  | Schilling                |       |          |                               |
|                     | 5,177,765       | 1/5/1993 | Holland et al.           |       |          |                               |
|                     | 5,193,101       | 09/1993  | McDonald et al.          |       |          |                               |
|                     | 5,203,018       | 04/1993  | Hirose                   |       |          |                               |
|                     | 5,208,756       | 05/1993  | Song                     |       |          |                               |
|                     | 5,214,789       | 05/1993  | George                   |       |          |                               |
|                     | 5,218,367       | 06/1993  | Sheffer et al.           |       |          |                               |
|                     | 5,218,618       | 06/1993  | Sagey                    |       |          |                               |
|                     | 5,223,844       | 06/1993  | Mansell et al.           |       |          |                               |
|                     | 5,227,802       | 07/1993  | Pullman                  |       |          |                               |
|                     | 5,235,633       | 08/1993  | Nass et al.              |       |          |                               |
|                     | 5,247,356       | 09/1993  | Ciampa                   |       |          |                               |
|                     | 5,260,943       | 11/1993  | Comroe et al.            |       |          |                               |
|                     | 5,260,967       | 11/1993  | Schilling                |       |          |                               |
|                     | 5,280,472       | 01/1994  | Gilhausen et al.         |       |          |                               |
|                     | 5,283,767       | 02/1994  | McCoy                    |       |          |                               |
|                     | 5,289,499       | 02/1994  | Weerackody               |       |          |                               |
|                     | 5,289,527       | 02/1994  | Tiedemann, Jr.           |       |          |                               |
|                     | 5,293,645       | 03/1994  | Sood et al. <sup>1</sup> |       |          |                               |
|                     | 5,297,162       | 03/1994  | Lee et al.               |       |          |                               |
|                     | 5,305,353       | 04/1994  | Weerackody               |       |          |                               |
|                     | 5,321,696       | 04/1994  | Buchholz et al.          |       |          |                               |
|                     | 5,323,384       | 06/1994  | Norwood                  |       |          |                               |
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|                     | 5,329,530       | 07/1994  | Kojima                        |       |          |                               |
|                     | 5,345,467       | 09/1994  | Lomp et al.                   |       |          |                               |
|                     | 5,347,535       | 09/1994  | Karasawa et al.               |       |          |                               |
|                     | 5,365,516       | 11/1994  | Jandrell <sup>11</sup>        |       |          |                               |
|                     | 5,367,539       | 11/1994  | Copley                        |       |          |                               |
|                     | 5,371,734       | 12/1994  | Fischer                       |       |          |                               |
|                     | 5,371,780       | 12/1994  | Amitay                        |       |          |                               |
|                     | 5,373,502       | 12/1994  | Turban                        |       |          |                               |
|                     | 5,390,166       | 02/1995  | Rohani et al.                 |       |          |                               |
|                     | 5,420,883       | 05/1995  | Swensen et al.                |       |          |                               |
|                     | 5,430,769       | 07/1995  | Patsiokas et al.              |       |          |                               |
|                     | 5,442,625       | 08/1995  | Gitlin et al.                 |       |          |                               |
|                     | 5,479,448       | 12/1995  | Seshadri                      |       |          |                               |
|                     | 5,481,533       | 1/1996   | Honig et al.                  |       |          |                               |
|                     | 5,483,244       | 01/1996  | Grube et al.                  |       |          |                               |
|                     | 5,483,668       | 01/1996  | Malkamaki et al.              |       |          |                               |
|                     | 5,506,863       | 4/9/1996 | Meidan et al.                 |       |          |                               |
|                     | 5,513,176       | 04/1996  | Dean et al.                   |       |          |                               |
|                     | 5,533,011       | 07/1996  | Dean et al.                   |       |          |                               |
|                     | 5,533,013       | 07/1996  | Leppanen                      |       |          |                               |
|                     | 5,553,076       | 9/3/1996 | Behtash et al.                |       |          |                               |
|                     | 5,584,057       | 12/1996  | Dent                          |       |          |                               |
|                     | 5,594,737       | 01/1997  | Pillekamp et al. <sup>7</sup> |       |          |                               |
|                     | 5,614,914       | 03/1997  | Bolgiano et al.               |       |          |                               |
|                     | 5,625,876       | 04/1997  | Gilhausen et al.              |       |          |                               |
|                     | 5,663,990       | 09/1997  | Bolgiano et al.               |       |          |                               |
|                     | 5,684,793       | 11/1997  | Kiema et al.                  |       |          |                               |
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|                     |   | 5,712,868       | 01/1998  | Stern et al. <sup>12</sup> |       |          |                               |
|                     |   | 5,748,669       | 05/1998  | Yada                       |       |          |                               |
|                     |   | 5,761,196       | 6/2/1998 | Ayerst et al.              |       |          |                               |
|                     |   | 5,781,541       | 07/1998  | Schnieder                  |       |          |                               |
|                     |   | 5,859,879       | 01/1999  | Bolgiano et al.            |       |          |                               |
|                     |   | 5,881,094       | 03/1999  | Schilling                  |       |          |                               |
|                     |   | 5,912,644       | 06/1999  | Wang                       |       |          |                               |
|                     | * | 6,747,969       | 06/2007  | Hirsch                     |       |          |                               |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |  | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|---------------------|--|-----------------|---------|---------|-------|----------|-------------|----|
|                     |  |                 |         |         |       |          | YES         | NO |
|                     |  | 0528090         | 02/1993 | EP      |       |          |             |    |
|                     |  | 2237706         | 05/1991 | GB      |       |          |             |    |
|                     |  | 2259430         | 03/1993 | GB      |       |          |             |    |
|                     |  | 05-276210       | 10/1993 | JP      |       |          | X**         |    |
|                     |  | 06-244814       | 09/1994 | JP      |       |          | X**         |    |
|                     |  | 1-233930        | 09/1989 | JP      |       |          | X**         |    |
|                     |  | 63-237636       | 10/1998 | JP      |       |          | X**         |    |
|                     |  | H01-314443      | 12/1989 | JP      |       |          | X**         |    |
|                     |  | H02-3007        | 01/1990 | JP      |       |          | X           |    |
|                     |  | H02-302133      | 06/1992 | JP      |       |          | X           |    |
|                     |  | H03-177669      | 08/1991 | JP      |       |          | X           |    |
|                     |  | H03-235077      | 10/1991 | JP      |       |          |             |    |
|                     |  | H05-244051      | 09/1993 | JP      |       |          | X**         |    |
|                     |  | H06-097914      | 04/1994 | JP      |       |          | X**         |    |
|                     |  | S53-109328      | 08/1978 | JP      |       |          | X           |    |

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|---------------------|--|-----------------|---------|------------------|-------|----------|-------------|----|
|                     |  |                 |         |                  |       |          | YES         | NO |
|                     |  | S63-065723      | 09/1989 | JP               |       |          | X           |    |
|                     |  | S63-274236      | 11/1988 | JP               |       |          | X**         |    |
|                     |  | S63-286027      | 11/1988 | JP               |       |          | X           |    |
|                     |  | S63-286072      | 11/1988 | JP               |       |          | X**         |    |
|                     |  | H05-211470      | 08/1993 | JP <sup>2</sup>  |       |          | X**         |    |
|                     |  | H04-502844      | 08/1993 | JP <sup>3</sup>  |       |          | X           |    |
|                     |  | H06-501349      | 01/1992 | JP <sup>5</sup>  |       |          | X           |    |
|                     |  | 199210890       | 06/1992 | WO               |       |          |             |    |
|                     |  | 199306669       | 04/1993 | WO               |       |          |             |    |
|                     |  | 199939455       | 08/1999 | WO <sup>10</sup> |       |          |             |    |
|                     |  | 199107036       | 05/1991 | WO <sup>4</sup>  |       |          |             |    |
|                     |  | 199200639       | 01/1992 | WO <sup>6</sup>  |       |          |             |    |
|                     |  | 199608908       | 03/1996 | WO <sup>8</sup>  |       |          |             |    |
|                     |  | 199833346       | 07/1998 | WO <sup>9</sup>  |       |          |             |    |

## OTHER DOCUMENTS

| EXAMINER<br>INITIAL |  | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)  |
|---------------------|--|---|
|                     |  | "Mobile Station-Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System", TIA/EIA/IS-95-A, TIA Interim Standard, (May 1995). |
|                     |  | "Ultraphone, System Description GP110," InterDigital Communications Corporation, pgs. 1-17, (October 1993).   |
|                     |  | "Ultraphone, System Technical Specification GP130, Interdigital Communications Corporation, pgs. 1-12, (January 1994).  |
|                     |  | AZAD ET AL., "Multirate Spread Spectrum Direct Sequence CDMA Techniques", The Institution of Electrical Engineers, pp. 4/1-4/5 (1994).                          |

|          |                 |
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|---------------------|--|
|                     | BARAN, "On Distributed Communications Networks," IEEE Transactions on Communication Systems, Volume 12 (March 1964).   |
|                     | BARAN, "On Distributed Communications Networks," RAND Corporation Paper, P-2626 (September 1962).  |
|                     | BLANZ ET AL., "Performance of a Cellular Hybrid C/TDMA Mobile Radio System Applying Detection and Coherent Receiver Antenna Diversity, IEEE, pgs. 568-579, (May 1994).   |
|                     | ERCEG ET AL., "Urban/Suburban Out-of-Sight Propagation Modeling," IEEE Communications Magazine, pgs. 56-61, (June 1992).   |
|                     | ESMAILZADEH ET AL., "Direct Sequence Spread Spectrum Communication in Selection Diversity Channels by Time Division Duplex Technique," IEEE, pgs. 345-348, (1992).   |
|                     | ESMAILZADEH ET AL., "Quasi-Synchronous Time Division Duplex CDMA", IEEE, pgs. 1637-1641, (1994).   |
|                     | ESMAILZADEH ET AL., "Time Division Duplex Transmission of Direct Sequence Spread Spectrum Signals in Multipath Channels", IEEE, pgs. 1572-1576, (1994).  |
|                     | GERLACH ET AL., "Base Station Transmitter Antenna Arrays With Mobile to Base Feedback", IEEE 1993 Conference Record of the Twenty-Seventh Asilomar Conference on Signals, Systems, and Computers, Vol. 2, pgs. 1432-1436, (November 1993). |
|                     | GHASSMZADEH ET AL., "Indoor Propagation and Fading Characterization of Spread Spectrum Signal at 2 GHz," IEEE, pgs. 56-60, (1992).   |
|                     | JAKES, JR., "Microwave Mobile Communications," Bell Telephone Laboratories, North Andover, MA, pgs. 309-323 and 535-541, (1974).   |
|                     | KAUFMANN ET AL., "Digital Spread-Spectrum Multipath-Diversity Receiver for Indoor Communications," IEEE, pgs. 1038-1041, (1992).   |
|                     | KAVEHRAD ET AL., "Direct-Sequence Spread Spectrum with DPSK Modulation and Diversity for Indoor Wireless Communications," IEEE, pgs. 224-236, (1987).  |

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|---------------------|---|
|                     | KUBOTA ET AL., "A Time Diversity CDMA Scheme Employing Orthogonal Modulation for Time Varying Channels," IEEE 43rd Vehicular Technology Conference, pp. 444-447 (May 20, 1993).   |
|                     | MATSUMOTO ET AL., "Performance of RS-Coded M-ary FSK for Frequency-Hopping Spread Spectrum Mobile Radios," Proceedings of the 1991 IEICE Fall Conference, B-244, The Institute of Electronics, Information, and Communication Engineers (August 5, 1991). †               |
|                     | NAGUIB ET AL., "Performance of CDMA Cellular Networks With Base-Station Antenna Arrays: The Downlink", IEEE Internal Conference on Communications, Vol. 2, pgs. 795-799, (May 1994).  |
|                     | PICKHOLTZ ET AL., "Field Tests Designed to Demonstrate Increased Spectral Efficiency for Personal Communications," IEEE Globcom, pgs. 878-882, (1991).  |
|                     | SALMASI ET AL., "On the System Design Aspects of Code Division Multiple Access (CDMA) Applied to Digital Cellular and Personal Communications Networks," 41st IEEE Gateway to the Future Technology in Motion., Vehicular Technology Conference, pp 57-62 (May 22, 1991). |
|                     | SCHILLING ET AL., "PCN Field Test Experiments Using Broadband-CDMA," IEEE, pgs. 321-324, (December 1991).   |
|                     | SCHILLING ET AL., "Spread Spectrum for Commercial Communications," IEEE Communications Magazine, Vol. 29, Issue 4, pgs. 66-79, (April 1991).  |
|                     | SESHADRI ET AL., "Two Signaling Schemes For Improving The Error Performance Of Frequency-Division-Duplex (FDD) Transmission Systems Using Transmitter Antenna Diversity," Secaucus, NJ, New York, IEEE, US, pgs 508-511, (May 18, 1993).                                  |
|                     | SESHADRI ET AL., "Advanced Techniques For Modulation, Error Correction, Channel Equalization, And Diversity," AT&T Technical Journal, US, American Telephone and Telegraph Co., New York, Vol. 72, No. 4, pgs. 48-63, (July 1, 1993).                                     |
|                     | TIA/EIA Interim Standard; Mobile Station-Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System; TIA/EIA/IS-95, (July 1993).  |
|                     | WHANG ET AL., Performance Evaluation of a Direct-Sequence Spread-Spectrum Multiple-Access with Microscopic and Macroscopic Diversity in Mobile Radio Environment, IEEE, pgs. 803-806, (1993).   |
|                     | WINTERS, "The Diversity Gain Of Transmit Diversity In Wireless Systems With Rayleigh Fading," New Orleans, New York, IEEE, US, pgs. 1121-1125, (May 1, 1994).   |

|          |                 |
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|---------------------|---|
|                     | <p>XIANG ET AL., "TDM/CDMA VSAT Network Integrating Voice/Data Service And Its Operation Management,"<br/>IEEE, pgs. 476-480, (1992).</p> |

<sup>1</sup> Corresponds to JP H05-211470; <sup>2</sup> Corresponds to US 5,293,645; <sup>3</sup> Corresponds to WO 199107036; <sup>4</sup> Corresponds to JP H04-502844; <sup>5</sup> Corresponds to WO 199200639; <sup>6</sup> Corresponds to H06-501349; <sup>7</sup> Corresponds to WO 94/10812; <sup>8</sup> Corresponds to JP 10-509287; <sup>9</sup> Corresponds to JP 2000-507431; <sup>10</sup> Corresponds to JP 2002-502182; <sup>11</sup> Corresponds to JP 7-502153 and WO 93/04453; <sup>12</sup> Corresponds to JP 6-510656 and WO 94/01956.

X\*\* Abstract only

† English abstract not available. A copy of the document in Japanese has been provided, in addition to the search report in which it was cited.

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| EXAMINER | DATE CONSIDERED |
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.